

SCOPE OF ACCREDITATION

Chemical Processing

Freedom Metal Finishing, Inc.
5095 113th Ave N
Clearwater, FL 33760-4834

This certificate expiration is updated based on periodic audits. The current expiration date and scope of accreditation are listed at: www.eAuditNet.com - Online QML (Qualified Manufacturer Listing).

In recognition of the successful completion of the PRI evaluation process, accreditation is granted to this facility to perform the following:

AC7108 Rev I - Nadcap Audit Criteria for Chemical Processing (to be used on audits on/after 21 January 2018)

AC7108/01– Painting Dry Film Coatings and Sol Gel as a Preparation for Paint – AC7108/1 must also be selected

AC7108/04 – Solution Analysis and Testing – AC7108/4 must also be selected

AC7108/08 – Anodizing (Not for Metal Bond) – AC7108/8 must also be selected

AC7108/09 – Electroplating and Electroforming – AC7108/9 must also be selected

AC7108/10 – Electroless Plating – AC7108/10 must also be selected

AC7108/11 – Conversion Coating – AC7108/11 must also be selected

AC7108/12 – Acid Cleaning, Descaling, Passivation and Electropolishing – AC7108/12 must also be selected

Ovens Used for Thermal Treatments at a Set Point above 250°F

Ovens for Thermal Treatments with a set point at or below 250°F (121°C) or for Miscellaneous Heating Processes, e.g. Part Drying.

AC7108/1 Rev C - Nadcap Audit Criteria for Painting & Dry Film Coatings (to be used on audits before 12 July 2020)

Dry Film Lubricant Coatings

Painting

AC7108/4 Rev C - Nadcap Audit Criteria for Solution Analysis and Testing in Support of Chemical Processing to AC7108 (To Be Used On Audits Conducted On audits on/after 21 January 2018)

Solution Analysis In Support of AC7108

Testing Performed Internally In Support of the Chemical Process Accreditation

B05 – Salt Spray Testing In Support of AC7108

B06 – Water Immersion / Humidity Testing In Support of AC7108

B07 – Heat Resistance Testing In Support of AC7108

B10 – Adhesion Testing (Adhesion Tape Testing) In Support of AC7108

- B12 – Adhesion Testing (Bend Test) In Support of AC7108
- B13 – Coating Weight Testing In Support of AC7108
- B14 – Conductivity Testing In Support of AC7108
- B16 – Coating Thickness Measurement In Support of AC7108
- B17 – Solderability Test In Support of AC7108
- B21 – Paint Color and Gloss Testing In Support of AC7108
- B22 – Solvent Resistance Testing In Support of AC7108
- B23 – Other Testing In Support of AC7108

AC7108/8 - Nadcap Audit Criteria for Anodizing (Not For Metal Bond) (to be used on audits on/after 5 June 2016)

- Anodize Aluminum, Chromic Acid
- Anodize Aluminum, Hard Anodize
- Anodize Aluminum, Sulfuric Acid
- Anodizing Aluminum, Type 1 Non–Hexavalent Chrome (e.g. Boric/Sulfuric)
- Dye
- Impregnation
- Seal

AC7108/9 - Nadcap Audit Criteria for Electroplating and Electroforming (to be used on audits on/after 5 June 2016)

- Electroplating
 - Alloy Plating
 - Cadmium Plating
 - Copper Plating
 - Gold Plating
 - Nickel Plating
 - Silver Plating
 - Tin Plating
 - Zinc Plating

AC7108/10 - Nadcap Audit Criteria for Electroless Plating (to be used on audits on/after 5 June 2016)

- Nickel

AC7108/11 - Nadcap Audit Criteria for Conversion Coating (to be used on audits on/after 5 June 2016)

- Aluminum
- Aluminum, Non–Hexavalent Chrome Alternatives

AC7108/12 - Nadcap Audit Criteria for Acid Cleaning, Descaling, Passivation and

Electropolishing (to be used on audits before 12 July 2020)

Acid Cleaning (If Titanium Acid Cleaning is also carried out then please check “Chemical Cleaning – Titanium Cleaning – Acid” also)

Passivation